

【模式切换按钮】	1+	刀换按钮】不释放,再扬 , 对焦灯开关将打开或
【模式切换按钮】	+ 请先按住【模式は	刀换按钮】不释放,再技 :,闪光灯将在前帘同步 切换。
【模式切换按钮】	【电源按钮】。每	刃换按钮】不释放,再技 接一次,闪光灯灯头負 / 28 / 35 / 50 / 70 / 85mm)
	~ 14 /H-1 93 JX	
【充电指示灯】》	, =::::::::::::::::::::::::::::::::::::	
	, =::::::::::::::::::::::::::::::::::::	处理方法
【充电指示灯】	状态含义	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
【充电指示灯】 状态	状态含义 含义 闪光灯充电完成,可	
亮红灯	状态含义 含义 闪光灯充电完成,可 进行闪光	正常 如长时间亮绿灯,详 更换新电池

长按【电源开关】2秒可打开或关闭闪光灯电源。推荐通过该按钮 关闭闪光灯电源之后再取出电池。 打开闪光灯电源后,闪光灯被设定为 TTL 模式,或保留上次关机 前状态。此时【充电指示灯】亮起绿灯,数秒后充电完毕会转亮 红灯,表示可以进行闪光。 若【充电指示灯】一直亮绿灯,充电时间超过20秒仍充不满,闪 光灯将自动关机。此时需要更换新电池。 使用完毕后,长按【电源开关】2秒即可关闭电源。 它能支持工作在 TTL 模式的主闪光灯。特别地,如果 S1 模式无 在 TTL 模式下,照相机的测光系统会侦查从主体反射回来的闪光

7、相机菜单访问功能(佳能) 物对焦后按下相机快门, 闪光灯就会根据相机的指示闪出合适的 光,就可以得到您所需要的相片 在支持 ETTL 的佳能相机上可以迫 在 TTL 模式下, 您还可以通过【+】与【-】按钮对闪光亮度进 过相机菜单来切换闪光灯模式。 行补偿,补偿范围是±3ev,精度为 1/3ev。 闪光灯控制菜单内的外接闪光灯 注意: 该补偿值将覆盖相机上的闪光补偿设置。 能设置功能,可以切换 TTL 模式、 手动闪光模式及多次闪光模式(

该 M 模式下,您可以根据自己的喜好设定闪光亮度,通过【+】 与【一】按钮可以调节闪光亮度。闪光亮度的调整范围是 1/128~1/1, 调整步长为 0.3。拍摄时, 您只需要设定闪光亮度, 调整相机并按 下快门, 闪光灯会在相机同步信号下进行闪光。

法与您的内置闪光灯正确同步闪光,您可以尝试使用 S2 模式。

MULTI 模式即频闪模式,在该模式下,闪光灯将按您设置的输出 功率、闪光次数与频率闪光。通过【+】与【-】可以调整输出 功率,输出功率的调整范围是 1/128-1/64-1/32-1/16-1/8-1/4。要调 整闪光次数与闪光频率,请先按一次【+】,输出功率将闪烁,在 此状态下按【模式切换按钮】即 MODE 按钮, 闪光次数将闪烁, 此时按【+】与【一】可以调整闪光次数,再按【模式切换按钮】, 闪光频率将开始闪烁,此时按【+】与【-】可以调整闪光次数。 13分钟,等 注意: 电池电量不足的情况, 闪光灯充电速度较慢, 可能会引起 高频率闪光出现漏闪,在这种情况下,请降低闪光频率或更换新

通过按下【模式切换按钮】,可以使闪光灯进入 S1、S2 模式。这 两种模式适合作为离机副灯使用,以创建多种照明效果,它们分 别适合于手动闪光环境和 TTL 闪光环境。在这两种模式下调整输 出亮度和 M 模式一样,只需要按【+】与【-】就可以了。 S1 模式: 当闪光灯处于 S1 模式,它会与主闪光灯的第一次闪光 同步触发闪光,效果与使用无线引闪器一致。要正常使用该模式, 您的主闪光灯应设置为手动闪光,不应使用具有预闪的 TTL 闪光 系统, 也不应使用具有多次闪光的红眼减轻功能。 S2 模式:又被称为"预闪取消模式",该模式与 S1 模式类似,但

闪),而且在此菜单可以设置前帘、 后帘同步,曝光包围,以 1/3ev 为步长设置手动闪光输出,以及频

闪的次数与频率。 无论外在哪种模式下, 您都可以通过按 PILOT 按钮来测试闪光灯 是否闪光正常。M/MULTI/S1/S2模式下,按【测试按钮】,闪光灯 会根据所选择的输出功率的等级发出不同亮度光。

在TTL/M/Multi模式下,闲置30分钟后闪光灯将自动关机。

在 S1、S2 模式下,闲置 60 分钟后闪光灯将自动关机。 连续拍摄过于频繁时,将触发闪光灯的过热保护机制,此时充电 指示灯将红绿交替闪烁, 且锁定闪光灯。请将闪光灯静置 3~5 分 钟,等待保护状态解除后继续拍摄。为避免影响拍摄,需要快速

拍摄时,请尽量使用 1/4 及以下输出。 11、灯头自动变焦 当闪光灯安装在支持 i-TTL/ETTL 的相机系统时,闪光灯管将会随 着镜头焦距变化而前后移动,以适应不同的照明范围。注意: 灯

头自动变焦不支持全幅面相机系统,但可以尝试将广角扩散板拉

出以避免照片出现暗角。

12、手动设置灯头变焦位置 通过按【模式切换按钮】+【电源按钮】可以手动设置灯头的变焦 位置。请先按住【模式切换按钮】不释放,再按【电源按钮】。每 按一次,闪光灯灯头焦距将在(auto/24/28/35/50/70/85mm)

您可以使用慢速快门,为拍摄主体制造拖影,闪光灯会在快门即 13、PC 同步接口(输入) 通过连接PC接口,可以使闪光灯同步闪光。

将关闭的那一刻闪光。这就是后帘同步功能(后帘同步的设定请 参照您的相机说明书进行设置)。 对于佳能版本,可以在闪光灯上设置后帘同步(但只在相机上使

用时有效),方法是: 先按住【模式切换按钮】不释放,再按【+】。 每按一次,闪光灯将在前帘同步和后帘同步之间切换。

在拍摄主体或环境处于光线不足的情况下,由于相机不能准确的 对焦,此时闪光灯能发出对焦光帮助相机对焦。从而完成准确的

您可以在闪光灯上关闭对焦灯,方法是:先按住【模式切换按钮】 不释放,再按【一】。每按一次,对焦灯开关将打开或关闭。需要 注意的是,只有相机和闪光灯上的辅助对焦均开启的情况下,闪 光灯才能发出辅助对焦光线。

相机上设置闪光曝光补偿: 您可以使用相机的闪光曝光补偿功能 来调整闪光输出量,使拍摄效果更符合您的需求 (对于佳能相机: 在相机上的闪光曝光补偿仅在 TTL 模式可用)。 在TTL模式下,您还可以通过【+】与【-】按钮对闪光亮度进 行补偿。补偿范围是±3ev, 精度为 1/3ev。

注意: 该补偿值将覆盖相机上的闪光补偿设置。

8、反射闪光 反射闪光是指通过将【闪光灯头】指向 _______

墙壁或天花板,借助天花板或墙壁反射 回来的光照亮物体来进行拍摄(俗称 "跳闪")。这样可以减轻被摄物体背后 阴影, 获得更自然的摄影效果。 如果墙壁或天花板太远,反射闪光可能 太弱导致曝光不足。墙壁或天花板应该是平坦的,白色的,以利 于高效的反射,如果反射表面不是白色的,照片上可能会出现偏

9、利用【反射板】拍摄

使用【反射板】闪光,把【反射板】 和【广角扩散板】从灯头一起拉出, 将【广角扩散板】推回。如果此时 进行拍摄, 可以在主体的眼睛造成 高光点,使眼神更加迷人有光彩(眼

神光)。此功能在闪光灯头上仰90度时能达到最好的效果。

10、使用【广角扩散板】 拉出【广角扩散板】推回【反 射板】, 并按图示意摆放, 闪 光范围将会扩大,同时闪光效

果将更加柔和自然。

六、规格

线路设计

闪光模式

电源

色温

发光次数

回电时间

闪光控制

附加功能

所含物品

上下旋转角度 -7~90 度

左右旋转角度 0~270 度

闪光指数

注意: 在不相容 i-TTL/ETTL 相机上使用本产品时,以上 2、3、4、 5、6、7功能均不能使用。

小于3秒(使用 AA 碱性电池)

(1/128~1/1). 精度为 0.3 级

60×72×172 mm (伸展状态)

说明书(1)

TTL 自动闪光或8级手动光量输出控制

闪光灯(1),保护袋(1),微型底座(1),

曝光包围、曝光补偿、灯头自动变焦、后帘同

5600k

闪光灯时间 1/800s~1/20000s

4、由于各型号相机的差异以及个人喜好关系,使用本产品有可能 自动绝缘两级晶体(IGBT) 偿设置进行调整。 TTL, M, Multi, S1, S2 灯头变焦范围 Auto、24、28、35、50、70、85 mm 5、如果您觉得闪光灯控制面板模糊,这是因为面板贴有一层保护

> 4 枚 AA 碱性电池或 AA 镍氢(Ni-MH)电池 100~1500 次(使用 AA 碱性电池) 靴上安装好闪光灯后, 再重新打开闪光灯与相机电源。如仍有异 常,请更换一组新电池再尝试使用。

1、对焦灯不亮? 请确认闪光灯上的对焦开关是否打开; 确认该相 机是否需要闪光灯辅助对焦或者该相机是否支持该功能,某些相 机需要对焦点在中央,对焦方式为单次对焦(AF-S),并且需在较 暗环境。请确认是否相机上的设置被禁用。

七、使用过程中可能出现的问题和解决方法

2、照片欠曝或过曝?检查此时照相机设置的快门,光圈,感光度 (ISO) 是否过于接近闪光的极限,或者相机曝光补偿、曝光包围 等与闪光有关的设置是否正确。

3、相片出现暗角或者被摄物体只有局部能照亮? 本产品设计的灯 头变焦范围是 24~85mm,并且目前不兼容全画幅相机系统,您可 以尝试拉出广角扩散板,以扩大闪光范围。

出现整体过曝或欠曝的情形,请试图通过相机闪光补偿或曝光补

膜, 您可以撕开它来享受更清晰的视觉效果。 6、闪光灯状态异常?请试图关闭闪光灯与相机的电源,在相机热

7、户外使用柔光伞注意: 当在户外闪光灯安装柔光伞的时候容易 被风吹倒,导致闪光灯热靴脚摔断,请固定安装架或避免户外使

8、S1、S2 **离机引闪不成功?** 使用 S1、S2 模式时请避免以下情况: 在户外被阳光直接照射无线触发感应器; 主灯使用红眼减轻功能; 主灯使用指令模式(尼康)或无线模式(佳能);使用 ST-E2 作为

本使用说明书中的功能是依据本公司的测试条件获得的。设计和 规格如有变更,恕不另行通知。 本说明书中的永诺(YONGNUO)徽标是深圳永诺摄影器材股份

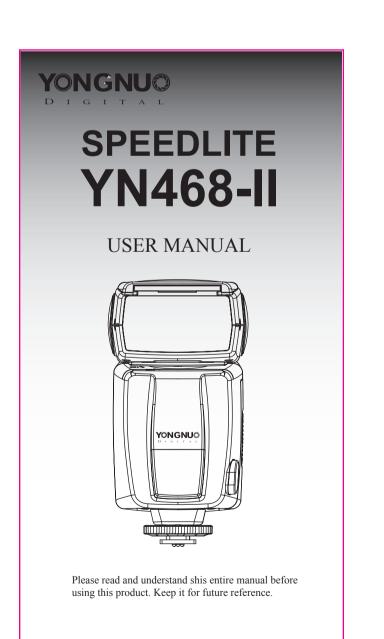
有限公司在中国或/和其他国家(地区)的注册商标或商标。其他 所有商标均为其各自所有者拥有。

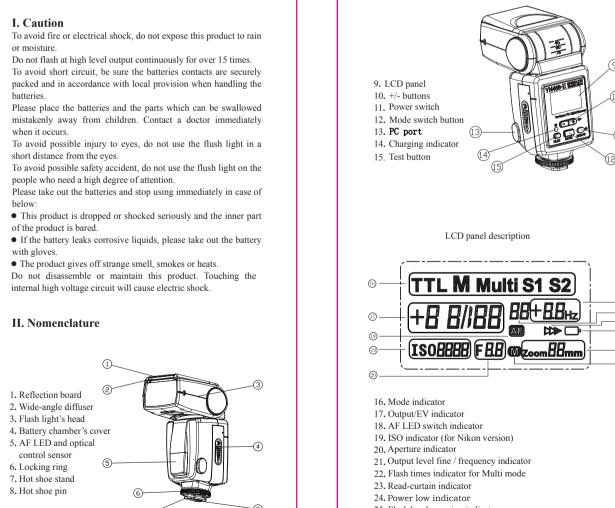
深圳市永诺摄影器材股份有限公司 地址:深圳市华强北路赛格科技园二栋西 A511 室 网址: www.hkyongnuo.com

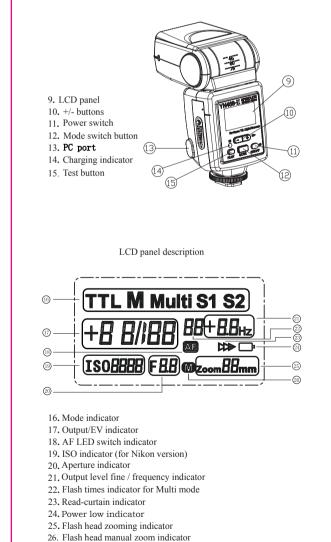
全国服务热线: 400-001-3888

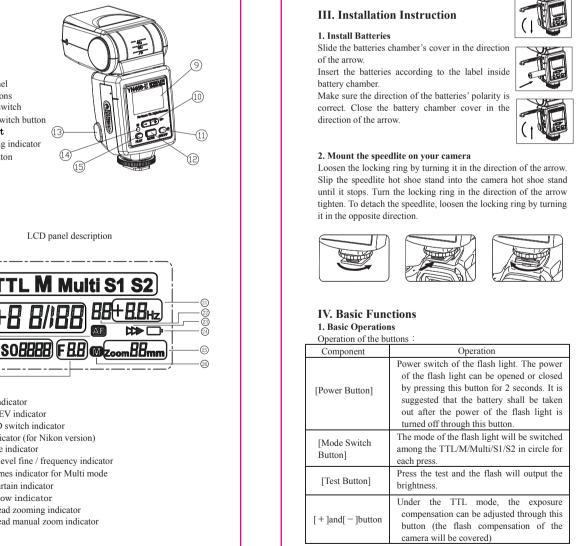
compensation settings.

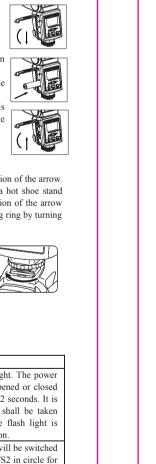
clear visual effect.

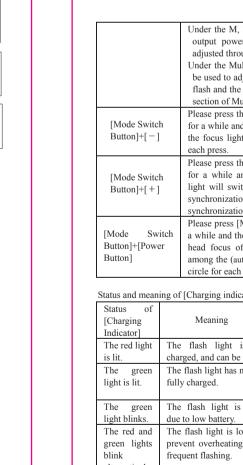












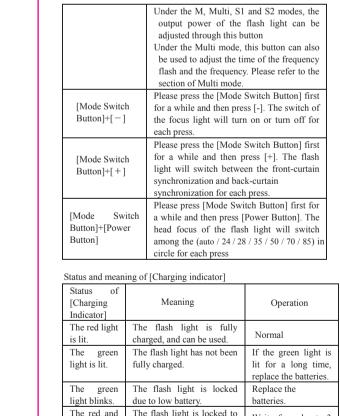
2. Power-on and Power-off

Turn the switch knob clockwise to turn on the flash light power

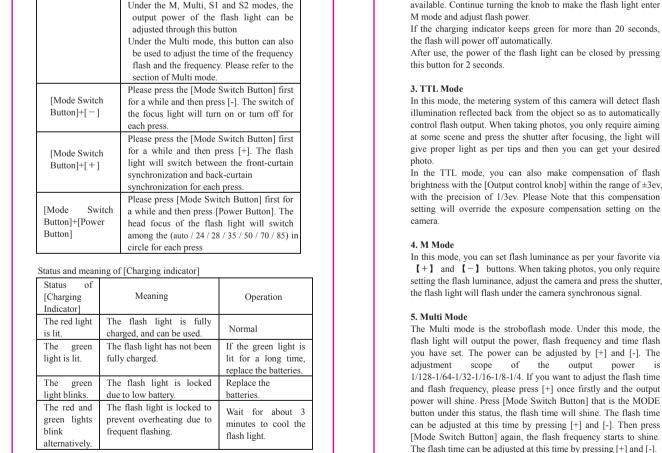
charging indicator is green and it will turn to red after the charge

is finished many seconds later, which indicates the flash is

supply; at the same time, the flash light is set as TTL mode, the



照明,从而自动的控制闪光的输出量。拍摄时,您只需要对准景



In this mode, the metering system of this camera will detect flash illumination reflected back from the object so as to automatically control flash output. When taking photos, you only require aiming at some scene and press the shutter after focusing, the light wil 4. M Mode In this mode, you can s 5. Multi Mode The Multi mode is the stroboflash mode. Under this mode, the the flash frequency or change new battery under this situation.

6. S1/S2 Mode Press the [MODE] button, then the flash will enter S1/S2 mode. These modes are applicable for slave flash in order to create many light effects. They are respectively applicable for manual flash

supporting ETTL, you can

give proper light as per tips and then you can get your desired In the TTL mode, you can also make compensation of flash brightness with the [Output control knob] within the range of $\pm 3ev$ with the precision of 1/3ev. Please Note that this compensation

setting will override the exposure compensation setting on the [+] and [-] buttons. When taking photos, you only require

setting the flash luminance, adjust the camera and press the shutter. the flash light will flash under the camera synchronous signal.

flash light will output the power, flash frequency and time flash you have set. The power can be adjusted by [+] and [-]. The adjustment scope of the output power is 1/128-1/64-1/32-1/16-1/8-1/4. If you want to adjust the flash time and flash frequency, please press [+] once firstly and the output power will shine. Press [Mode Switch Button] that is the MODE button under this status, the flash time will shine. The flash time can be adjusted at this time by pressing [+] and [-]. Then press [Mode Switch Button] again, the flash frequency starts to shine. The flash time can be adjusted at this time by pressing [+] and [-]. **NOTE:** The charging speed of the flash light is slow under the situation that the electricity quantity of the battery is insufficient, which may cause the occurrence of the high-frequency flash. Please reduce

environment and TLT flash environment. When the flash is in S1 mode, it will work with the first work of the master flash synchronously, with the result consistent with the use of radio slave. To use this mode correctly, the master flash should be set at manual flash and the TTL flash system with preflight function and the red-reduction function with multiple flashes should not be used. S2 mode is similar to S1 mode, but it can support the master flash in TTL mode. In particular, if S1 mode cannot have correct and synchronous flash with the inbuilt flash, you can try to use S2

7. Menu Access of Camera (only compatible with Canon ETTL camera system) On the Canon camera

switch flash mode via the setting function of the external flash function in the flash control menu, vou can switch between the TTL mode and the manual flash mode; in addition, on such menu, you may also set front and rear curtain synchronization, and set manual flash output with 1/3ev step length.

8. Test Flash Whether in any mode, you can press PILOT button to test if the flash light flashes normally. In M/S1/S2 mode, press the PILOT button and the flash light will send light with different luminance as per levels of output power 9. Power-saving Function

In TTL/M/MULTI mode, if idle for about 30min, the flash will power off automatically. In S1/S2 mode, if idle for 60min, the flash will power off automatically.

10. Overheating Protection If the flash light is used too frequently, its overheating protection

五、高级应用

1、多灯布光应用

使用内置闪光灯或机顶外置闪光灯作为主灯

将闪光灯作各种不同的方向摆放。

在室内使用时,无线信号可通过

墙壁反射回来,因此,在放置副

放置副闪光灯时,请在拍摄前先

测试S1或S2模式是否正常同步。

这个功能可以帮助您提高拍摄的成功率。

请参照您的相机说明书进行设置)。

请勿在主闪光灯及副闪光灯之间放置障碍物,障碍物会阻碍无线

曝光包围功能需要从相机上进行设置,设置方法请参照您的相机

说明书。设置了曝光包围后,每拍摄 3 张照片将自动对曝光进行

使用本功能应先在相机上将(AE-L/AF-L)功能设置为"FV锁定"。

此时可以先在观景窗中对准主体,然后按下相机的(AE-L/AF-L)

键,闪光灯会先发出预闪为主体取得闪光曝光的读数,当您确定

拍摄的景物框架后按下快门即可。(此功能需要您的相机支持该功

能才能使用,(AE-L/AF-L)的设定请参照您的相机说明书进行。

使用本功能应先将相机取景器中央覆盖要锁定闪光曝光的主体,

按下闪光曝光锁<*>按钮,闪光灯发出预闪,相机将计算适合的闪

光输出数据,此时你有一段时间来重新构图,构图完毕后就可以

按下快门拍摄照片(该功能需要您的相机支持该功能才能使用,

一定正负补偿,例如按照"正常→不足→过度"的顺序进行曝光,

闪光灯时可以有更多空间。

2、曝光包围(FEB)

3、FV 锁定(尼康)

function will be triggered, the red and green lights of the charging indicator will blink alternatively, and the flash light will be locked In such case, please wait for three minutes to cancel the protection before continuing the use. Please try to use the 1/4 output or lower when rapid shooting is needed to prevent the effect on the shooting. 11. Auto Zoom

When the flash light is mounted on the camera system supporting i-TTL/ETTL, the flash light tube will move forward and backward with the changes of lens focus to suit different illumination zones Note: Auto Zoom does not support full frame camera system, but you may pull out the wide-angle diffuser to avoid vignetting in

12. Set the focus position of the light head manually The focus position of the light head can be set manually be [Mode Switch Button] for a while and then press [Power Button] The light head focus of the flash light will switch among the (auto /24 / 28 / 35 / 50 / 70 / 85) in circle for each press.

By connecting to the PC synchronous port, you can make the flash

1. Multi-lamp Lighting Application Use inbuilt flash or top-mounted flash as master flash. Place speedlite in different directions.

V. Advanced Application

In outdoor application, radio signals can be reflected by walls: therefore. the placement of the slave flash should have more space. Before placing of the slave flash, test whether S1/S2 can be synchronous

Do not place any obstacles between the host flash and the slave flash, because they may block the transmission of radio signals. In radio flash mode (S1 or S2), if the flash is idle for 30min, it will power off automatically in order to save power

2. Exposure Bracketing (FEB) The FEB function is set on the camera. For the specific setting method, refer to your Camera Instructions. After the FEB is set. after 3 photos are taken, exposure compensation will be made automatically in the sequence of, for example, "normal \rightarrow under → over". This function helps you improve the success rate of

3. FV Lock (Nikon) Set the AE-L/AF-L function as FV Lock on the camera before using this function. At this time, you can aim at your desired object in the viewfinder and then press the AE-L key or AF-L key. in such case, the flash light will pre-flash to get the reading o flash exposure for the object; after you have confirmed the scene frame, press the shutter. (This function can only be available when

your camera supports it; for the setting of AE-L and AF-L, refer to

4. FE Lock (Canon) To use this function, cover the subject for which flash exposure will be locked at the center of the viewfinder of camera, press the button <*> of the flash exposure lock and the flash light will pre-flash and the camera will calculate the appropriate flash output data. Now you have some time for recomposition, after

is supported by your camera. For the setting method, refer to your Camera Instructions.) 5. Rear-curtain Sync

6. Application of AF LED

7. Exposure Compensation

your camera manual)

You can use slow-speed shutter to produce trailing smear for the object and the flash light will flash at the moment when the shutter is going to be shut, which means the rear-curtain sync function .(For the rear-curtain sync setting, refer to your camera manual for setting)

If the object or environment lacks sufficient light, the camera can not conduct accurate focusing; at this time, the flash light can give out AF light to assist in the camera's focusing so as to achieve accurate focusing.

You can use the exposure compensation function of this camera to compensate flash output so as to make shooting effect better meet your requirements. (For Canon version, the exposure compensation function on camera is available only in TTL mode) In the TTL mode, you can also make compensation of flash

brightness with the [Output control knob] within the range of ± 3 ev. with the precision of 1/3ev. Please Note that this compensation setting will override the exposure compensation setting on the

Bounce flash means to take photos by making flash light head aimed at wall or ceiling and using the light reflected back from the ceiling or wall to light the desired object, so that the shade behind the object can be decreased to get

more natural shooting effect. If the wall or ceiling is too far, the bounce flash may be too weak to get enough exposure. The wall or ceiling should be even and white in order to get efficient reflection; if the reflection surface is not

white, color cast may appear in photo. 9. Use Reflection Board to Take Photos With the reflection board flash, draw the reflection board and the

time and then push the wide-angle diffusion board back. In such case, if this product is being used to take photos, it will produce highlighted point on the eyes of the subject and thus make the e charming (catch light). The function can reach optimal effect

when the flasher head is up 90°.

10. Use Wide-angle Diffuser Pull out the wide-angle diffusion board. push back the reflection board and

arrange them as per the figure; in such case, the flash scopes will extent to 18 mm and the flash effect will be softer and more natural.

> Note: When this product is used in incompatible iTTL/ETTL camera, Functions 2, 3, 4, 5, 6 and 7 are not available.

VI. Specifications

Guide number Circuit design Insulated Gate Bipolar Transistor (IGBT Flash mode TTL, M, Multi, S1, S2 Zoom range Auto, 24, 28, 35, 50, 70, 85 mm Vertical rotation angle -7~90 degrees Horizontal rotation angle 0~270 degrees

Lighting times

Recycle time

Flash control

Accessories

are forbidden.

the flash range.

Additional features

Power Supply 4×AAsize batteries (Alkaline or Ni-MH 100~1500 times (AA alkaline cell used) less than 3s (AA alkaline cell used) Color temperature

 $60 \times 72 \times 172$ mm(extended state)

VII. Possible problems during use and solutions

1. The AF LED is not on? Check if this camera needs flash light

assist AF or if it supports the function; some cameras require

focucal points to be in the center, focus method to adopt AF-S and

requires dark environment; check if some settings in the camera

2. Photos are under exposure or over exposure? Check if the set

shutter aperture and ISO are too near the flash limit or if some

settings including exposure compensation in relation to flash are

3. Vignetting appears in photos or only part of the subject is

illuminated? This product has a designed light head zoom range

of 24-85 mm, and is currently not compatible with full frame

camera system. You may pull out the wide-angle diffuser to widen

4. Because of differences among various models of cameras and

different personal preferences, the use of this product may cause

Flash light (1), protecting bag (1), and

1/800s~1/20000s TTL auto flash or manual Level 8 light quantity output control with 0.3 stop FEB, FEC, FEL, Automatic zooming.

8. The S1 and S2 lead flash without the camera failed? The following situation shall be avoided when the S1 and S2 modes are used: the wireless touch sensor is directly shined under the sun: mode (Nikon) or wireless mode (Canon) of the main light is used; the ST-E2 is used as the flash controller.

the whole overexposure or underexposure; please try to make

adjustments by the camera flash compensation or exposure

5. You may feel the flash control panel is dim, because there is

one protective film on the panel; you can tear it away to enjoy a

6. The flash light is abnormal? Switch off the power of flash

light and camera, mount the flash light on the hot shoe of camera.

and switch on the power of flash light and camera again. If the

7. Precaution for outdoor use of lambency umbrella: The

lambency umbrella mounted on the flash light outdoors may be

blown down easily, and the hot shoe of the flash light may be

broken. Please fix the mounting rack or avoid outdoor use.

abnormity continues, replace the batteries.

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